CLAIM AMENDMENTS

Claims pending:

- At time of the Office Action: Claims 1-29.

- After this Response: Claims 1-29.

Canceled claims: None.

Amended claims: 17.

New claims: None.

The listing of claims below will replace prior versions of claims in the application:

1. (Previously Presented) A method comprising:

capturing a web page from a web site;

extracting data from the web page using a data harvesting script;

normalizing the extracted data with data extracted from other web pages;

generating a context-specific error code if the data harvesting script fails to successfully extract data from the web page;

adapting the data harvesting script based on identified changes to the web page; and

storing the normalized data in a database.

2. (Original) A method as recited in claim 1 wherein the web site is associated with a financial institution.

3. (Previously Presented) A method as recited in claim 2 wherein the captured web page contains information regarding a customer's account at the financial institution.

4. (Original) A method as recited in claim 1 wherein the web page is an HTML screen.

5. (Previously Presented) A method as recited in claim 1 further comprising:

capturing a second web page from a second web site;

extracting data from the second web page using the data harvesting script;

normalizing the data extracted from the second web page with data extracted from other web pages;

generating a context-specific error code if the data harvesting script fails to successfully extract data from the second web page;

adapting the data harvesting script based on identified changes to the web page; and

storing the normalized data from the second web page in the database.

6. (Previously Presented) A method as recited in claim 1 wherein the context-specific error code identifies a type of change necessary to the data harvesting script to properly extract data from the web page.

7. (Original) A method as recited in claim 1 further comprising storing a copy of the captured web page if data cannot be extracted from the web page using the data harvesting script.

8. (Original) One or more computer-readable memories containing a computer program that is executable by a processor to perform the method recited in claim 1.

9. (Previously Presented) A method comprising:

retrieving financial data associated with a user's financial account from a data source;

identifying data of interest retrieved from the data source;

generating a context-sensitive error code if the data of interest is not successfully retrieved from the data source, wherein the context-sensitive error code is used to modify the manner in which data is retrieved from the data source;

normalizing the identified data; and

storing the normalized data in a database.

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10. (Original) A method as recited in claim 9 further comprising:

retrieving financial data associated with a user from a second data source;

normalizing the data retrieved from the second data source; and

storing the normalized data in the database.

11. (Original) One or more computer-readable memories containing a computer program that is executable by a processor to perform the method recited in claim 9.

12. (Previously Presented) A method comprising:

capturing a web page from a web site;

attempting to extract data from the web page using a data harvesting script;

if data cannot be extracted from the web page:

removing pre-determined personal information from the captured web page;

storing the captured web page without the personal information;

analyzing the web page and the data harvesting script to determine why data could not be extracted from the web page; and

adapting the data harvesting script based on the determination why data could not be extracted from the web page.

13.   (Previously Presented)   A method as recited in claim 12 further comprising editing the data harvesting script based on an analysis of the captured web page, wherein the edited data harvesting script successfully extracts data from the web page.

14. (Original) A method as recited in claim 12 further comprising:

editing the data harvesting script based on an analysis of the captured web page;

capturing a new version of the web page from the web site; and

extracting data from the web page using the edited data harvesting script.

15. (Original) A method as recited in claim 14 further comprising:

normalizing the data extracted from the web page; and

storing the normalized data in a database.

16.   (Original)   One or more computer-readable memories containing a computer program that is executable by a processor to perform the method recited in claim 12.

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17. (Currently Amended) A method comprising:

capturing a first web page from a first financial institution web site;

capturing a second web page from a second financial institution web site;

extracting data from the first web page using a first data harvesting script;

extracting data from the second web page using a second data harvesting script;

normalizing the data extracted from the first web page and the second web page;

generating a context-specific error code if the <u>first</u> data harvesting script fails to successfully extract data from the <u>first</u> web page; and

storing the normalized data in a database.

18. (Original) A method as recited in claim 17 further comprising generating an error message if data cannot be extracted from the first web page or the second web page.

19. (Original) One or more computer-readable memories containing a computer program that is executable by a processor to perform the method recited in claim 17.

20. (Original) A method as recited in claim 17 wherein capturing a first web page includes capturing a first set of web pages.

21. (Original) A method as recited in claim 17 wherein capturing a second web page includes capturing a second set of web pages.

22. (Previously Presented) An apparatus comprising:

a data capture module configured to capture a first web page from a first web site associated with a first financial institution and further configured to capture a second web page from a second web site associated with a second financial institution;

a personal information filter module coupled to the data capture module and configured to remove personal information from one or more web pages, wherein the personal information filter module generates a specific error code if the personal information filter module is not able to identify personal information on a particular web page;

a data extraction module coupled to the data capture module and configured to extract data from the first and second web pages using a data harvesting script, the data extraction module further configured to normalize the data extracted from the first and second web pages, and wherein the data extraction module is adaptable based on changes to web pages that occur over time; and

a database control module coupled to the data extraction module and configured to store the normalized data in a common database.

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23. (Original) An apparatus as recited in claim 22 wherein the data capture module is further configured to retrieve financial data associated with a user's account from a data source.

24. (Original) An apparatus as recited in claim 22 wherein the data extraction module is further configured to generate an error message if data cannot be extracted from the web page using the data harvesting script.

25. (Previously Presented) One or more computer readable media having stored thereon a plurality of instructions that, when executed by one or more processors, cause the one or more processors to:

capture a web page from a financial institution web site;

attempt to extract data from the captured web page using a data harvesting script;

remove personal information from the captured web page;

store the captured web page without the personal information; and

if data cannot be extracted from the web page, generate a context-specific error code and analyze the web page to determine why data could not be extracted from the web page.

26. (Previously Presented) One or more computer readable media as recited in claim 25, wherein if data cannot be extracted from the web page, the one or more processors further edit the data harvesting script based on an analysis of the captured web page and the context-specific error code.

27. (Previously Presented) One or more computer readable media as recited in claim 25, wherein the one or more processors further:

normalize the data extracted from the web page; and

store the normalized data in a database, wherein the database contains data extracted from other web pages.

28. (Previously Presented) A method as recited in claim 12 wherein the personal information includes at least one of: a social security number, an account number, or an account holder's name.

29. (Previously Presented) A method as recited in claim 22 wherein the personal information includes at least one of: a social security number, an account number, or an account holder's name.

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